Features and functions	VT650	VT900A
Single flow full-range channel (±300 lpm)	●	●
Oxygen accuracy	2 %	1 %
7-in (17.8 cm) color touch screen	●	●
Airway temperature / humidity / oxygen measurement	●	●
Test profile customization	●	●
Real-time measurements and graphical display	●	●
Onboard memory and automatic test report creation	●	●
Global user interface	●	●
Ultra-low flow channel (±750 ml/min)		●
Ultra-low pressure range (0 – 10 mbar)		●
External trigger input		●
Anesthesia gas concentration measurements		with VAPOR

The VT900A has all the features and specifications of the VT650 and more. VT900A has a higher oxygen accuracy, ultra-low flow and ultra-low pressure ports, and an external TTL breath trigger input.

Gas Flow Analyzers

Highly accurate, all-in-one portable gas flow analyzers engineered to meet global standards.

FLUKE ® Biomedical   LANDAUER®   RaySafe™
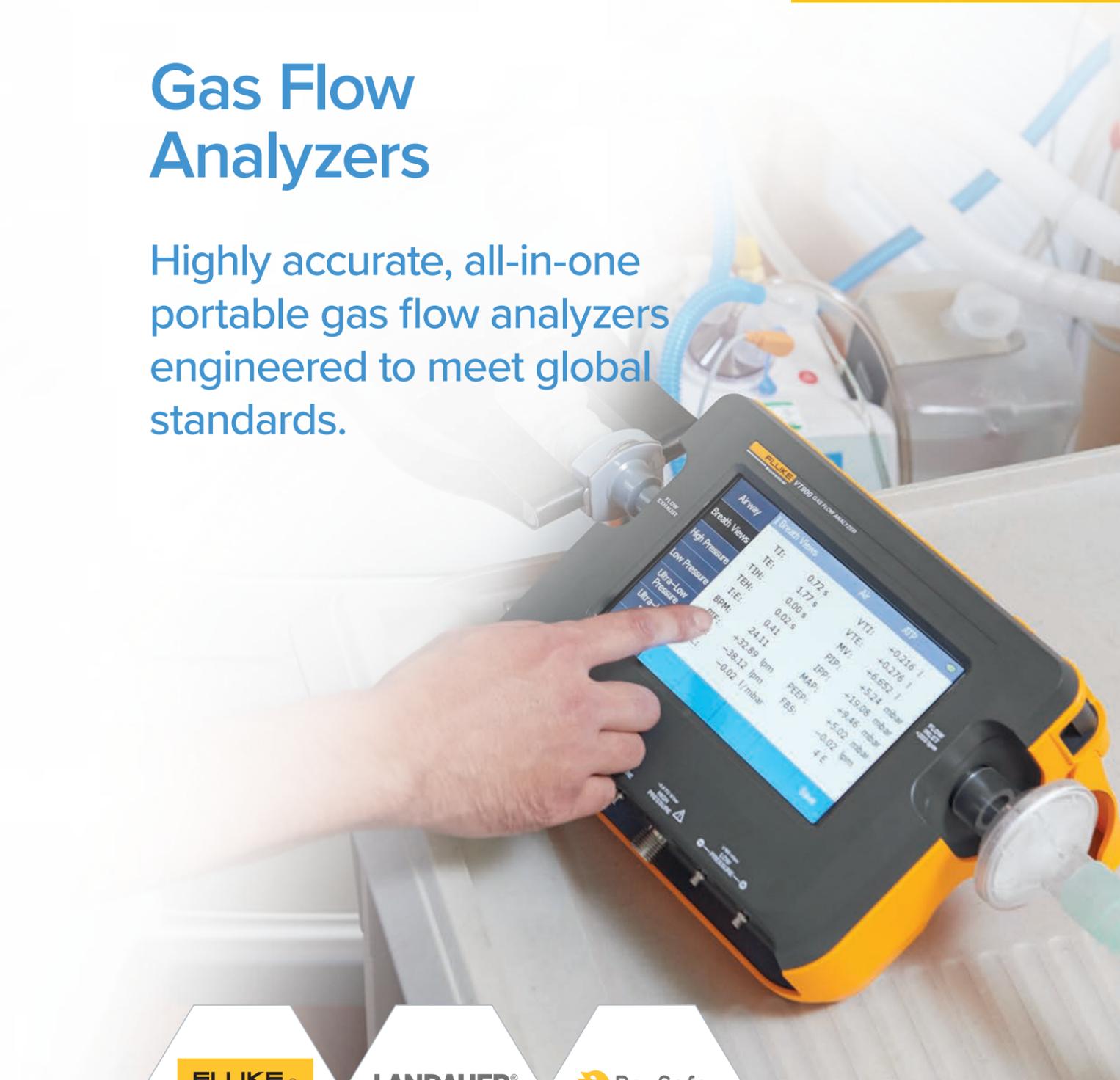
Meet the Fluke Biomedical gas flow analyzers.

The **VT650 and VT900A** offer the highest accuracy on the market for gas flow and respiratory medical equipment testing, including all types of ventilators, flow meters, pressure gauges, anesthesia and other machines. The compact, lightweight design, make these testers extremely portable for on-the-go testing, while saving space on your benchtop.

Accurate and reliable

- Simplify testing and ensure accuracy with one channel, full-range ±300 lpm air flow functionality
- Reduce testing time with built-in line sensors which automatically test humidity, temperature and oxygen while compensating for atmospheric pressure and environmental conditions
- Ultra-low flow and ultra-low pressure ports allow the highest accuracy for devices requiring crucial low volume and pressure testing such as anesthesia machines and flow meters (VT900A only)
- Molbloc-L calibration specifications ensures compliance to global regulatory standards

Portable

- Compact and lightweight (3.6 lbs/1.6 kg), so your tester isn't weighing you down
- Small footprint to save space on benchtops and carts
- Easy to carry with a detachable handle and shoulder strap for both the tester and case
- Built-in VESA mounts, giving you the option to mount the device for convenience

Easy-to-use

- Create customized profiles for specific model testing and user preference
- View readings up to 6' (1.8 m) away with the large 7" (17.8 cm) color touch screen
- Easily access menu options with a simple touch on the screen
- Real-time results are displayed numerically and graphically
- Global user interface makes operating this device straightforward and uncomplicated

Traceable

- The large on-board memory allows both short and long term recording and storing of test data
- Transfer data via USB to a PC and upload the generated test file to your CMMS system for simple reporting
- Remote commands enable automated testing, help decrease risk and increase efficiency

VAPOR Anesthesia Tester

VAPOR seamlessly integrates with the VT900A Gas Flow Analyzer, allowing you to quickly and easily transition from ventilator to vaporizer testing. Complete your whole anesthesia machine PM with this one solution. All five agents are automatically detected and two are displayed simultaneously to detect all vaporizer failure modes.

- Detects all 5 anesthetic agents (SEV, ISO, HAL, ENF, DES)
- Reduce risk of error with automatic agent ID and color matching
- Portable – fits in one case with VT900A